BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: EXTENTION AND ADDITIONAL WORKS TO PARKING LOT AT 16TH A MAIN AND 16TH B CROSS ROAD IN WARD NO-04

Sl No	Description of Item	Unit	No	L	B	D	Qty	Est.Cost.Rs. Rate	20000000 Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 page no 6 item no 2.3								
	Grill Between car Parking and Bike parking	Cum	2	9.8	1.1	1.05	22.64		
	Toilet Side	Cum	1	23.8	0.9	1.05	22.49		
		Cum	1	14.5	0.9	1.05	13.70		
		Cum	1	12.4	0.9	1.05	11.72		
	Grill between parking lot and Bus stand	Cum	1	33.00	0.90	1.05	31.19		
		Cum	1	39.60	0.90	1.05	37.42		
	Grill near bus stand	Cum	1	13.30	0.90	1.05	12.57		
	near parking lot	Cum	1	31.00	0.75	0.75	17.44		
		Cum	1	6.60	0.75	0.75	3.71		
		Cum	1	5.58	0.75	0.75	3.14		
	Near Road	Cum	1	3.00	0.75	0.75	1.69		
	Basic rate							299.00	
	Area weightage 6%							17.94	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						177.70	386.74	68723.09
2	KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry. B. Rubble Stone masonry in cement mortar. MORTH Specification No. 202								
	Near parking Lot	Cum	1	39.6	0.5	0.55	10.89		
	Basic rate							351.00	
	Area weightage 6%							21.06	
	Total						10.89	372.06	4051.73
3	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 Page no 6 item no 2.1								
	Near parking Lot	Cum	1	39.6	5.95	0.3	70.69		
	Basic rate							249.00	
	Area weightage 6%							14.94	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						70.69	333.74	23590.75
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 13/I.No. 4.2 of CSR 2018-19)								
	Grill Between car Parking and Bike parking	Cum	2	9.8	1.10	0.15	3.23		
	Toilet Front Portion Concrete	Cum	1	13.20	5.70	0.15	11.29		
	Toilet Side Portion Concrete	Cum	1	2.70	3.80	0.15	1.54		

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Toilet Side	Cum	1	23.80	0.90	0.15	3.21		
			Cum	1	14.50	0.90	0.15	1.96		
			Cum	1	12.40	0.90	0.15	1.67		
		Grill between parking lot and Bus stand	Cum	1	33.00	0.90	0.15	4.46		
			Cum	1	39.60	0.90	0.15	5.35		
		Grill near bus stand	Cum	1	13.30	0.90	0.15	1.80		
		Near parking lot	Cum	1	31.00	0.75	0.15	3.49		
			Cum	1	6.60	0.75	0.15	0.74		
			Cum	1	5.45	0.75	0.15	0.61		
			Cum	1	3.00	0.75	0.15	0.34		
		Near parking lot	Cum	1	37.60	5.95	0.15	33.56		
		Basic rate							5194.00	
		Area weightage 6%							311.64	
		Total						**73.24**	**5505.64**	**403225.50**
5		KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page no 25 item no 5.6								
		Grill Between car Parking and Bike parking	Cum	2	9.80	0.9	0.9	15.88		
		Toilet Side	Cum	1	23.8	0.9	0.9	19.28		
			Cum	1	14.5	0.9	0.9	11.75		
			Cum	1	12.4	0.9	0.9	10.04		
		Grill between parking lot and Bus stand	Cum	1	33.00	0.9	0.9	26.73		
			Cum	1	39.60	0.9	0.9	32.08		
		Grill near bus stand	Cum	1	13.30	0.9	0.9	10.77		
		Near parking lot	Cum	1	31.00	0.45	0.6	8.37		
			Cum	1	6.60	0.45	0.6	1.78		
			Cum	1	5.50	0.45	0.6	1.49		
			Cum	1	3.00	0.45	0.6	0.81		
		Basic rate							4596.00	
		Area weightage 6%							275.76	
		Total						**138.97**	**4871.76**	**677023.62**
6		KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 Pg No 25 item No 5.13								
		Grill Between car Parking and Bike parking	Cum	2	9.80	0.60	0.45	5.29		
		Toilet Side	Cum	1	23.80	0.60	0.45	6.43		
			Cum	1	14.50	0.60	0.45	3.92		
			Cum	1	12.40	0.60	0.45	3.35		
		Grill between parking lot and Bus stand	Cum	1	33.00	0.60	0.45	8.91		
			Cum	1	39.60	0.60	0.45	10.69		
		Grill near bus stand	Cum	1	13.30	0.60	0.45	3.59		
		Near parking lot	Cum	1	31.00	0.45	0.45	6.28		
			Cum	1	6.60	0.45	0.45	1.34		
			Cum	1	5.50	0.45	0.45	1.11		
		Deduction								
		Grill Between car Parking and Bike parking	Cum	-5	0.45	0.60	0.45	-0.61		
		Grill between parking lot and Bus stand	Cum	-11	0.45	0.60	0.45	-1.34		

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			Cum	-15	0.45	0.60	0.45	-1.82		
		Grill near bus stand	Cum	-6	0.45	0.60	0.45	-0.73		
		Toilet Side	Cum	-9	0.45	0.60	0.45	-1.09		
			Cum	-6	0.45	0.60	0.45	-0.73		
			Cum	-6	0.45	0.60	0.45	-0.73		
		Toilet Room side	Cum	-4	0.45	0.60	0.45	-0.49		
		Back side of car Parking	Cum	-10	0.45	0.60	0.45	-1.22		
		Gate between parking lot and Bus stand	Cum	-3	1.80	0.60	0.45	-1.46		
		Grill near parking lot	Cum	-12	0.45	0.6	0.45	-1.46		
			Cum	-4	0.45	0.6	0.45	-0.49		
			Cum	-3	0.45	0.6	0.45	-0.36		
		Basic rate							6005.00	
		Area weightage 6%							360.30	
		Total						**38.39**	**6365.30**	**244346.36**
7		KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.5 of PWD SR 2018-19)								
		For Grill Pole								
		Grill Between car Parking and Bike parking	Cum	5	0.45	0.6	0.6	0.81		
		Grill between parking lot and Bus stand	Cum	11	0.45	0.6	0.6	1.78		
			Cum	15	0.45	0.6	0.6	2.43		
		Grill near bus stand	Cum	6	0.45	0.6	0.6	0.97		
		Toilet Side	Cum	9	0.45	0.6	0.6	1.46		
			Cum	6	0.45	0.6	0.6	0.97		
			Cum	6	0.45	0.6	0.6	0.97		
		Toilet Room side	Cum	4	0.45	0.6	0.6	0.65		
		Back side of car Parking	Cum	10	0.45	0.6	0.6	1.62		
		Grill Pole for car parking grill work (from toilet to temple)	Cum	35	0.45	0.6	0.6	5.67		
			Cum	37	0.45	0.6	0.6	5.99		
			Cum	3	0.45	0.6	0.6	0.49		
			Cum	3	0.45	0.6	0.6	0.49		
		Grill near parking lot	Cum	12	0.45	0.6	0.6	1.94		
			Cum	4	0.45	0.6	0.6	0.65		
			Cum	3	0.45	0.6	0.6	0.49		
		Coping Concrete								
		Grill Between car Parking and Bike parking	Cum	2	9.80	0.6	0.1	1.18		
		From Toilet to Temple	Cum	1	304	0.40	0.10	12.16		
		Toilet Side	Cum	1	23.80	0.60	0.10	1.43		
			Cum	1	14.50	0.60	0.10	0.87		
			Cum	1	12.40	0.60	0.10	0.74		
		Grill between parking lot and Bus stand	Cum	1	33.00	0.60	0.10	1.98		
			Cum	1	39.60	0.60	0.10	2.38		
		Grill near bus stand	Cum	1	13.30	0.60	0.10	0.80		
		Couping concrete for car parking grill work (from toilet to temple)	Cum	1	105.0	0.60	0.10	6.30		
			Cum	1	107.5	0.60	0.10	6.45		
			Cum	1	6.00	0.60	0.10	0.36		
			Cum	1	5.90	0.60	0.10	0.35		
		Couping concrete near parking lot	Cum	1	31.00	0.60	0.10	1.86		
			Cum	1	6.60	0.60	0.10	0.40		

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			Cum	1	5.35	0.60	0.10	0.32		
		Deduction								
		for Toilet Gate	Cum	-1	1.70	0.40	0.10	-0.07		
		Bike Gate	Cum	-1	2.50	0.40	0.10	-0.10		
		Car Gate	Cum	-1	5.50	0.40	0.10	-0.22		
		Middle Gate	Cum	-1	10.40	0.40	0.10	-0.42		
		Car Gate	Cum	-1	5.10	0.40	0.10	-0.20		
		Bike Gate	Cum	-1	3.90	0.40	0.10	-0.16		
		Gate between parking lot and Bus stand	Cum	-3	1.80	0.60	0.10	-0.32		
		gates in parking(one entry and one exit)	Cum	-1	1.90	0.60	0.10	-0.11		
			Cum	-1	1.70	0.60	0.10	-0.10		
		For Kerb PCC	Cum							
		From Toilet to Temple	Cum	1	304.0	0.20	0.10	6.08		
		Deduction								
		for Toilet Gate	Cum	-1	1.70	0.20	0.10	-0.03		
		Bike Gate	Cum	-1	2.50	0.20	0.10	-0.05		
		Car Gate	Cum	-1	5.50	0.20	0.10	-0.11		
		Middle Gate	Cum	-1	10.40	0.20	0.10	-0.21		
		Car Gate	Cum	-1	5.10	0.20	0.10	-0.10		
		Bike Gate	Cum	-1	3.90	0.20	0.10	-0.08		
		Toilet Front Portion Concrete	Cum	1	13.20	5.70	0.10	7.52		
		Toilet Side Portion Concrete	Cum	1	2.7	3.8	0.10	1.03		
		Near parking lot	Cum	1	37.6	5.95	0.15	33.56		
		Basic rate								
		Area weightage 6%							5328.00	
		Total							319.68	
8		KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner toping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metalic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt) , including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4 page no 104 item no 14.14						**110.85**	**5647.68**	**626062.27**
		Toilet Front Portion Concrete	Sqm	1	7.60	5.70		43.32		
		Toilet Side Portion Concrete	Sqm	1	3.40	2.30		7.82		
		Parking Rectangular shape	Sqm	1	106.5	5.00		532.50		
		Near parking lot	Sqm	1	37.60	5.95		223.72		
		Basic rate								
		Area weightage 6%							701.00	
		Total						807.36	42.06	
9		Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful completion of the work as per direction of engineer in charge of work						**743.06**	**599916.92**
		Grill Between car Parking and Bike parking	Sqm	2	9.80		1.80	35.28		
		Toilet Side	Sqm	1	23.80		1.80	42.84		
			Sqm	1	14.50		1.80	26.10		
			Sqm	1	12.40		1.80	22.32		
		Toilet Room side	Sqm	1	8.41		1.80	15.14		
		Back side of car Parking	Sqm	1	25.89		1.80	46.60		
		Grill between parking lot and Bus stand	Sqm	1	33.00		1.80	59.40		
			Sqm	1	39.60		1.80	71.28		
		Grill near bus stand	Sqm	1	13.30		1.80	23.94		

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Grill for car parking grill work (from toilet to temple)	Sqm	1	105.0		1.80	189.00		
			Sqm	1	107.5		1.80	193.50		
			Sqm	1	6.00		1.80	10.80		
			Sqm	1	5.90		1.80	10.62		
		Couping concrete near parking lot	Sqm	1	31.00		1.80	55.80		
			Sqm	1	6.60		1.80	11.88		
			Sqm	1	5.35		1.80	9.63		
		Deduction								
		Gate between parking lot and Bus stand	Sqm	-3	1.8		1.80	-9.72		
		Gates in parking(one entry and one exit)	Sqm	-1	1.9		1.80	-3.42		
			Sqm	-1	1.7		1.80	-3.06		
		Data Rate							9144.14	
		Total						**807.93**	**9144.14**	**7387825.03**
10		Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other.								
		Gates in Car parking(one entry and one exit)	Sqm	2	5		2.4	24.00		
			Sqm	2	3		2.4	14.40		
		Gate between parking lot and Bus stand	Sqm	3	1.8		2.4	12.96		
		Gate near parking lot	Sqm	1	3		2.4	7.20		
		Data Rate							12475.03	
		Total						**58.56**	**12475.03**	**730537.76**
11		KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4								
		Parking Lot								
		From Toilet to Temple	Sqm	1	304		0.80	243.20		
		Deduction								
		for Toilet Gate	Sqm	-1	1.70		0.80	-1.36		
		Bike Gate	Sqm	-1	2.50		0.80	-2.00		
		Car Gate	Sqm	-1	5.50		0.80	-4.40		
		Middle Gate	Sqm	-1	10.40		0.80	-8.32		
		Car Gate	Sqm	-1	5.10		0.80	-4.08		
		Bike Gate	Sqm	-1	3.90		0.80	-3.12		
		Basic rate								
		Area weightage 6%							924.00	
		Total						**219.92**	**979.44**	**215398.44**
12		KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16								
		Service Road side Portion	Sqm	1	279		0.3	83.70		
		Dodaballapur Road side portion	Sqm	1	279		1.15	320.85		
		Grill Between car Parking and Bike parking	Sqm	4	9.80		0.45	17.64		

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Toilet Side	Sqm	2	23.80		0.45	21.42		
			Sqm	2	14.50		0.45	13.05		
			Sqm	2	12.40		0.45	11.16		
		Basic rate							261.00	
		Area weightage 6%							15.66	
		Total						**467.82**	**276.66**	**129427.08**
13		Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 1200mm.								
		Parking Lot								
		From Toilet to Temple								
		Step Top	Sqm	1	304	1.1		334.40		
		Step Side	Sqm	1	304		0.55	167.20		
		for Arch Portion								
			Sqm	42	0.55	0.30		6.93		
		for Gate side portion	Sqm	14	0.65	0.65		5.92		
		car parking (from toilet to temple) on top	Sqm	1	105	0.50		52.50		
			Sqm	1	108	0.50		53.75		
			Sqm	1	6.00	0.50		3.00		
			Sqm	1	5.90	0.50		2.95		
		Car parking (from toilet to temple) on sides	Sqm	1	105		0.50	52.50		
			Sqm	1	108		0.50	53.75		
			Sqm	1	6.00		0.50	3.00		
			Sqm	1	5.90		0.50	2.95		
		Near parking lot on sides	Sqm	1	31.00		0.50	15.50		
			Sqm	1	6.60		0.50	3.30		
			Sqm	1	5.35		0.50	2.68		
		Deduction								
		for Top Granite at Arch Portion	Sqm	-21	0.85	0.45		-8.03		
		Gate	Sqm	-4	5.00	1.10		-22.00		
			Sqm	-2	3.00	1.10		-6.60		
		for Toilet Gate	Sqm							
		Bike Gate	Sqm	-1	2.50		0.55	-1.38		
		Car Gate	Sqm	-1	5.50		0.55	-3.03		
		Middle Gate	Sqm	-1	10.40		0.55	-5.72		
		Car Gate	Sqm	-1	5.10		0.55	-2.81		
		Bike Gate	Sqm	-1	3.90		0.55	-2.15		
		Arch Portion	Sqm	-21	0.85		0.55	-9.82		
		Gate	Sqm	-1	1.90		0.50	-0.95		
			Sqm	-1	1.70		0.50	-0.85		
		Basic rate								
		Area weightage 6%							2051.00	
		Total							123.06	
								697.00	**2174.06**	**1515319.82**
14		Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification page no 111 item no 14.56								
		From Toilet to Temple								
		Step Top	m	1	304.00			304.00		
		Step Side	m	1	304.00			304.00		
		for Arch Portion								
			m	42	0.55			23.10		
		for Gate side portion	m	14	0.65			9.10		
		car parking (from toilet to temple) on top	m	1	105.00			105.00		
			m	1	107.50			107.50		
			m	1	6.00			6.00		
			m	1	5.90			5.90		

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Car parking (from toilet to temple) on sides	m	1	105.00			105.00		
			m	1	107.50			107.50		
			m	1	6.00			6.00		
			m	1	5.90			5.90		
		Near parking lot on sides	m	1	31.00			31.00		
			m	1	6.60			6.60		
			m	1	5.35			5.35		
		Deduction								
		for Top Granite at Arch Portion	m	-21	0.85			-17.85		
		Gate	m	-4	5.00			-20.00		
			m	-2	3.00			-6.00		
		for Toilet Gate								
		Bike Gate	m	-1	2.50			-2.50		
		Car Gate	m	-1	5.50			-5.50		
		Middle Gate	m	-1	10.40			-10.40		
		Car Gate	m	-1	5.10			-5.10		
		Bike Gate	m	-1	3.90			-3.90		
		Arch Portion	m	-21	0.85			-17.85		
		Gate	m	-1	1.90			-1.90		
		Basic Rate								
		Area weightage 8%							180.00	
		Total							14.4	
15		Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete. As per the direction of Engineer incharge. (P.No.27,						**1040.95**	**194.40**	**202360.68**
		Parking Lot								
		From Toilet to Temple	m	1	304			304.00		
			m	1	15			14.50		
		Deduction								
		for Toilet Gate	m	-1	1.7			-1.70		
		Bike Gate	m	-1	2.5			-2.50		
		Car Gate	m	-1	5.5			-5.50		
		Middle Gate	m	-1	10.4			-10.40		
		Car Gate	m	-1	5.1			-5.10		
		Bike Gate	m	-1	3.9			-3.90		
		Total length						289.40		
		No of Kerb Stones					Total Length/0.45	643.11		
		Sub Total						**644.00**		
		Basic rate							408.00	
		Area weightage 6%							24.48	
		Total						**644.00**	**432.48**	**278517.12**
16		KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (Page No.180. Iitem no.24.1 of KPWD S.R Bangalore Circle 2018-2019)								
		Parking Lot								
		From Toilet to Temple	Sqm	1	304		0.4	121.60		
				1	15		0.4	5.80		
		Deduction								
		for Toilet Gate	Sqm	-1	1.7		0.4	-0.68		
		Bike Gate	Sqm	-1	2.5		0.4	-1.00		
		Car Gate	Sqm	-1	5.5		0.4	-2.20		

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Middle Gate	Sqm	-1	10.4		0.4	-4.16		
		Car Gate	Sqm	-1	5.1		0.4	-2.04		
		Bike Gate	Sqm	-1	3.9		0.4	-1.56		
		Basic rate							80.00	
		Area weightage 6%							4.80	
		Total						**115.76**	**84.80**	**9816.45**
17		Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
		From Toilet to Temple	Cum	1	304	0.25	0.70	53.20		
		Near parking Lot	Cum	1	39.6	5.95	0.3	70.69		
		Deduction								
		Gate	Cum	-4	5.00	0.25	0.70	-3.50		
			Cum	-2	3.00	0.25	0.70	-1.05		
		Basic rate							325.00	
		Area weightage 6%							19.50	
		Total						**119.34**	**344.50**	**41111.25**
18		KSRB 6-8.2 : Construction of partition wall 10 cms thick with table moulded modular burnt bricks of class designation 5.0Newton per sqmm with cement mortar 1:4 including providing and fixing plaster mesh manufactured out of hot dipped gelvanised iron of nominal thickness 0.35 mm. 100 mm. wide as per I.S. 2212/1991 at 7.5 m. c to c including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2								
		for Arch Portion								
			sqm	42	0.55	0.30		6.93		
		for Gate side portion	sqm	14	0.65	0.65		5.92		
		Basic rate							822.00	
		Area weightage 6%							49.32	
		Total						**12.85**	**871.32**	**11192.11**
19		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications.								
		a) 40mm Jelly	Cum	20	0.30	0.30	0.40	0.72		
		Total						**0.72**	**1901.00**	**1,368.72**
		b) 20mm Jelly	Cum	20	0.30	0.30	0.40	0.72		
		Total						**0.72**	**1901.00**	**1,368.72**
		c) Coarse sand	Cum	20	0.30	0.30	0.30	0.54		
		Total						**0.54**	**2651.00**	**1,431.54**
		d) Fine sand	Cum	20	0.30	0.30	0.20	0.36		
		Total						**0.36**	**2651.00**	**954.36**
		e) 12.5mm chips	Cum	20	0.30	0.30	0.30	0.54		
		Total						**0.54**	**1901.00**	**1,026.54**
20		Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle tee, stud ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for: HDPE Grade PE80-PN6.0, 630mm dia .(Perforated Pipe for Rain Water Harvesting Pit) (BWSSB SR 2017-18, Pg No 121 Item No. 1.17 code No K010Q)								
		0.1dia HDPE Perforated Pipe.	Rmt	20	2.00			40.00		
		Sub Total	10822.32							
		Total						**40.00**	**10822.32**	**432892.80**

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
21		Providing of Geonets for Rain Water Harvesting pit on the filter media as specified in drawings or as approved by Engineer Incharge								
			Sqm	20	0.30	0.30		1.80		
		Sub Total		71.03						
		Total						**1.80**	**71.03**	**127.85**
22		KSRB 14.6-2 :Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No. 103, I.No. 14.7)								
0	15		Sqm	1	15	9.6		144.00		
15	30		Sqm	1	15	9.4		141.00		
30	45		Sqm	1	15	9.4		141.00		
45	60		Sqm	1	15	9.4		141.00		
60	76		Sqm	1	16	9.4		150.40		
76	79.5		Sqm	1	3.5	8.8		30.80		
79.5	94.5		Sqm	1	15	8.2		123.00		
94.5	109.5		Sqm	1	15	8.2		123.00		
109.5	124.5		Sqm	1	15	8.2		123.00		
124.5	139.5		Sqm	1	15	8.3		123.75		
139.5	154.5		Sqm	1	15	8.3		124.50		
154.5	169.5		Sqm	1	15	8.4		126.38		
169.5	184.5		Sqm	1	15	8.6		128.63		
184.5	199.5		Sqm	1	15	8.6		129.00		
199.5	214.5		Sqm	1	15	8.6		129.00		
214.5	229.5		Sqm	1	15	8.6		129.00		
229.5	244.5		Sqm	1	15	8.6		129.00		
244.5	259.5		Sqm	1	15	8.6		129.00		
259.5	274.5		Sqm	1	15	8.6		129.00		
274.5	276.95		Sqm	1	2.45	4.3		10.54		
		Toilet Front Portion Concrete	Sqm	1	13.20	5.70		75.24		
		Toilet Side Portion Concrete	Sqm	1	2.70	3.80		10.26		
		Parking Rectangular shape	Sqm	1	106.50	5.00		532.50		
		Near parking lot	Sqm	1	37.60	5.95		223.72		
		Basic rate							1110.00	
		Area weightage 6%							66.60	
		Total						**3246.71**	**1176.60**	**3820073.10**
23		Providing and fixing precast bollards made out of M30 ready mixed concrete laid in 15cm thick with steel reinforcement including form work, curing, including cost of all materials, labour, painting, HOM of machineries, loading, unloading, lead and lift, transportation etc.complete as per engineer incharge (Approved Data rate)								
		Near parking lot	Nos	58				58.00		
		Data Rate							1240.00	
		Total						**58.00**	**1240.00**	**71920.00**

Sl No		Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
									Total Amount	17499609.62
									GST Charges (12% of estimated cost)	2099953.15
									DPR Charges (1% of estimated cost)	200000.00
									Project management And Consultancy Charges(1% of estimated cost)	200000.00
									Miscelleneous and rounding	437.22
									Grand Total Amount	20000000.00

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of 2018-2019, approved Rate and Issused Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

RUDRAPRASAD CONSULTANTS
BANGALORE

Technical Sanction
Accorded at Rs 2 Crore 1 Lakh Only
Head of A/C P3853
CER NO : 14 Dt: 28.07.2021

TA

CE (NK)

Administrative Sanction for Rs. 2.200 lakhs
Rupees Two Crore Only
is accorded under head P-3853
Special Development works at
Yelahanka.
Registered as CE No. 13 Subject
to conditions contained in enclosed memo
No. BBMP/EE/YNK/AS/13/2021-22 Dt. 19/01/2022.

Executive Engineer